IN THE CLAIMS:

1. (Currently amended) An implantable delivery device for delivery of at least a first therapeutic agent into a target tissue, comprising: a housing, said housing comprising a reservoir with a drug release port for release of at least a first therapeutic agent into a target tissue, said reservoir having at least a first wall that is substantially impermeable to a first therapeutic agent to be placed therein, a sealing base for sealing said release port to a target tissue, wherein when said release port is sealed to a target tissue a first therapeutic agent in said reservoir is substantially prohibited from release by said device other than through said release port into the target tissue, and an attachment mechanism to facilitate sealing of said release port to a target tissue, said attachment mechanism comprising at least one member of the group consisting of a sufficient amount of an adhesive for adhering said sealing base to a target tissue, a suture holder for engaging at least one suture operatively attached to the surrounding tissue, and a band for engaging said device with a target tissue, wherein said reservoir comprises a first cavity that is connected to a first refilling port through a first tube.

2. (Canceled).

3. (Canceled).

4. (Currently amended) The device of claim 1, wherein said first tube is connected to said first cavity ~~reservoir~~ by ~~means of~~ a first valve.

5. (Currently amended) The device of claim ~~1~~ 4 , wherein said first refilling port ~~valve~~ comprises ~~at east one hollow~~ a first refilling port cavity.

6. (Currently amended) The device of claim 1, wherein ~~the~~ said first refilling port can be ~~is~~ implanted ~~is a distal~~ at a different site from the device location.

7. (Canceled).

8. (Canceled).

9. (Canceled).

10. (Currently amended) The device of claim 1, wherein said ~~drum~~ first refilling port comprises at least one septum.

11. (Currently amended) ~~What is~~ The device of claim 10, wherein said at least one septum ~~is composed of~~ comprises a self-sealing material ~~preferentially~~ selected from the ~~classes~~ group consisting of latex, a synthetic rubber and a silicone elastomer~~s~~.

12. (Canceled).

13. (Canceled).

14. (Currently amended) The device of claim 10, wherein said septum is stained by a visually distinguishable dye or comprises a marker that is opaque in imaging techniques.

15. (Canceled).

16. (Currently amended) The device of claim 10, wherein said septum is identifiable by imaging techniques selected ~~chosen~~ from the group consisting ~~methods~~ of magnetic resonance imaging, x-ray, computerized tomography and ultrasound.

17. (Currently amended) The device of claim 1, wherein ~~at least one cavity is connected to at least one tube~~ said reservoir has at least a second cavity, said second cavity connected to a second refilling port through a second tube.

18. (Canceled).

19. (Currently amended) The device of claim 1, wherein said ~~drum has an architecture~~ first refilling port is shaped to facilitate its implantation onto or into tissues.

20. (Canceled).

21. (Canceled).

22. (Currently amended) The device of claim 1, wherein said first refilling port ~~distal reservoir~~ comprises a ~~is an osmotic~~ pump.

23. (Currently amended) The device of claim ~~1~~ 22, wherein said pump ~~distal reservoir~~ is selected from the group consisting of an iontophoretic pump, a mechanical pump, and an osmotic pump.

24. (Canceled).

25. (Canceled).

26. (Canceled).

27. (Canceled).

28. (Currently amended) The device ~~What is~~ of claim 1, wherein said ~~it delivers~~ a therapeutic agent is a ~~or~~ prophylactic agent.

29. (Canceled).

30. (Currently amended) The device of claim 1, wherein said attachment mechanism ~~it~~ comprises ~~at least~~ an adhesive layer.

31. (Currently amended) The device of claim 30 ~~1~~, wherein said adhesive layer ~~is~~ can be applied during ~~the~~ implantation ~~procedure~~ of said device.

32. (Currently amended) The device of claim 30 ~~1~~, wherein said adhesive layer comprises ~~is~~ a pressure-sensitive adhesive ~~(PSA~~.

33. (Currently amended) The device of claim ~~1~~, wherein said pressure-sensitive adhesive ~~PSA~~ is ~~preferentially~~ selected from the group~~s~~ consisting of a hydrocolloid, a hydrogel, an acrylate and a silicone.

34. (Currently amended) The device of claim 30 ~~1~~, wherein said adhesive layer ~~is delineated by at least~~ comprises a release liner.

35. (Original) The device of claim 1, wherein said reservoir carries a solid, liquid, viscous or gel-state therapeutic agent.

36. (Canceled).

37. (Currently amended) The device of claim 1, wherein said therapeutic agent is ~~associated with~~ in a slow-release formulation.

38. (Currently amended) The device of claim 1, wherein said release port is ~~is delineated by~~ comprises a structural element to retain a ~~sustain said~~ therapeutic agent in said ~~the~~ reservoir, wherein said structural element comprises one of the group consisting of a crossing band, a strip, a net and flanges.

39. (Canceled).

40. (Currently amended) The device of claim 38 ~~1~~, wherein said structural element comprises at least one ~~elements are composed of a~~ biocompatible and non-dissolvable material ~~materials preferentially~~ selected from the group consisting of ~~classes~~ of a poly-ester, a poly-orthoester, a silicone, a polyethylene, a polypropylene, ~~and~~ a polyurethane, and a metal~~s and associations thereof~~.

41. (Currently amended) The device of claim 38 ~~1~~, wherein said structural element comprises at least one ~~elements are composed of a~~ biocompatible and bioerodible material ~~materials preferentially chosen~~ selected from the group consisting ~~classes~~ of glycolic acid, lactic acid, poly-ethylene-glycol, poly-vinyl-alcohol, poly-vinyl-pyrrolidone ~~pirrolidone~~ and methacrylates.

42. (Currently amended) The device of claim 1, wherein said release port comprises ~~is delineated by~~ a ~~dissolvable~~ film that is permeable to a therapeutic agent to be placed in said reservoir ~~layer~~.

43. (Currently amended) The device of claim 42 ~~1~~, wherein said film comprises at least one compound selected from the group consisting of ~~dissolvable layer is chosen from the groups of of~~ a glycolic acid, a lactic acid, a poly-ethylene-glycol, a poly-vinyl-alcohol, a polyvinylpyrollidone, a methacrylates, ~~poly-vinyl-pirrolidone and methacrylates,~~ cellulose, starch, ethylene vinyl acetate, and gelatin.

44. (Canceled).

45. (Canceled).

46. (Currently amended) The device of claim 1, further comprising ~~wherein said valve comprises at least one~~ a overfill prevention valve ~~to prevent overfilling~~.

47. (Currently amended) The device of claim 1, wherein said ~~valve~~ first refilling port comprises a reflux mechanism to prevent reflux therethrough ~~the refilling tube~~.

48. (Canceled).

49. (Currently amended) The device of claim 1, further comprising ~~wherein said reservoir is constantly filled by~~ a pressure-controlled pump for providing therapeutic agent to said reservoir.

50. (Currently amended) The device of claim 1, wherein said refilling port further comprises an attachment mechanism to facilitate implantation in a desired location ~~can be implanted by means of suturing, apposition, interposition or attachment to a mammalian locus~~.

51. (Currently amended) The device of claim 1, wherein said therapeutic agent is ~~it carries~~ a diagnostic agent.

52. (Canceled).

53. (Currently amended) The device of claim 4 ~~1~~, wherein said ~~septum is part of a valve and~~ said valve comprises a septum ~~is connected to said reservoir or reservoir wall~~.

54 -56. (canceled).

57. (Currently amended) The structural element ~~platform~~ of claim 38 ~~41~~, comprising a porous barrier ~~wherein it comprises at least one fenestration~~.

58. (Currently amended) The ~~fenestration~~ porous barrier of claim 57, wherein ~~it~~ said porous barrier can control~~s~~ the diffusion interface between said reservoir and a ~~the device of claim 1 and said~~ targeted tissue.

59. (Currently amended) The porous barrier of claim 57, comprising ~~fenestration of claim 43, wherein it comprises~~ at least a first porous membrane.

60. (Canceled).

61. (Currently amended) The porous barrier ~~membrane~~ of claim 57 [44], ~~wherein it is chosen from the class~~ comprising a membrane formed of a material selected from the group consisting of a poly-orthoester, a poly-glycolic acid, a poly-lactic acid, a poly-caprolactone, a polyvinyl-alcohol, a polyvinyl-pyrrilidone ~~pylirridone~~, hyaluronic acid,

fibrin, methyl-cellulose, collagen, ethylene vinyl acetate, a polyethylene, a polyurethane, a metal, and gelatin.

62-66. (canceled).

67. (New) An implantable delivery device for delivery of at least a first therapeutic agent into a target tissue, comprising: a housing, said housing comprising a reservoir with a drug release port for release of at least a first therapeutic agent into a target tissue, said reservoir having at least a first wall that is substantially impermeable to a first therapeutic agent to be placed therein, a sealing base for sealing said release port to a target tissue, wherein when said release port is sealed to a target tissue a first therapeutic agent in said reservoir is substantially prohibited from release by said device other than through said release port into the target tissue, and an attachment mechanism to facilitate sealing of said release port to a target tissue, said attachment mechanism comprising at least one member of the group consisting of a sufficient amount of an adhesive for adhering said sealing base to a target tissue, a suture holder for engaging at least one suture operatively attached to the surrounding tissue, and a band for engaging said device with a target tissue, further comprising an osmotic pump.

68. (New) An implantable delivery device for delivery of at least a first therapeutic agent into a target tissue, comprising: a housing, said housing comprising a reservoir with a drug release port for release of at least a first therapeutic agent into a target tissue, said reservoir having at least a first wall that is substantially impermeable to a first therapeutic agent to be placed therein, a sealing base for sealing said release port to a target tissue, wherein when said release port is sealed to a target tissue a first therapeutic agent in said reservoir is substantially prohibited from release by said device other than through said release port into the target tissue, and an attachment mechanism to facilitate sealing of said release port to a target tissue, said attachment mechanism comprising at least one member of the group consisting of a sufficient amount of an adhesive for adhering said sealing base to a target tissue, a suture holder for engaging at least one suture operatively attached to the surrounding tissue, and a

band for engaging said device with a target tissue, further comprising at least one mechanism for retaining a solid or semisolid therapeutic material in said reservoir.

69. (New) An implantable delivery device for delivery of at least a first therapeutic agent into a target tissue, comprising: a housing, said housing comprising a reservoir with a drug release port for release of at least a first therapeutic agent into a target tissue, said reservoir having at least a first wall that is substantially impermeable to a first therapeutic agent to be placed therein, a sealing base for sealing said release port to a target tissue, wherein when said release port is sealed to a target tissue a first therapeutic agent in said reservoir is substantially prohibited from release by said device other than through said release port into the target tissue, and an attachment mechanism to facilitate sealing of said release port to a target tissue, said attachment mechanism comprising at least one member of the group consisting of a sufficient amount of an adhesive for adhering said sealing base to a target tissue, a suture holder for engaging at least one suture operatively attached to the surrounding tissue, and a band for engaging said device with a target tissue, further comprising at least one reinforcement mechanism for preventing collapse of said reservoir.

70. (New) The device of claim 69, wherein said at least one reinforcement mechanism comprises metal.